ABSTRACT OF THE DISCLOSURE

A method to transform video data having an interest region
by wavelet transform signal processing. First, the video data
is transformed to high frequency image data and low frequency
image data. Then, first image data recording first information
responding to the interest region of the video data and second
image data recording second information responding to the
interest region of the video data from the high frequency image
data are received. The first image data and the low frequency
image data are combined to form interest region data. The
interest region data and the second image data are combined by
bit plane coding to generate display data. Finally, a display
device displays the display data.

5

10